

Abstract

A multi axial designed asphalt heater for re-heating and recycling of old and new asphalt for permanent joint free repairs and restorations. There is provided a method of adjusting the heating elements mechanically up and down off the asphalt surface with the lever arm mechanism and a design featuring a upper portion mounted atop a lower portion rotatable mounted on the upper and lower portion for rotation about a pinned axis. As well there is a method of rotational movement forward and reverse of the heating elements a graduated heating process featuring radially shaped track rails that support radially shaped rollers. Fold-Up design with radially shaped adjustable hinges provide various angularity adjustments not only for compact convenience but also for establishing specific heat clearances, avoiding shut down delays and overheating.